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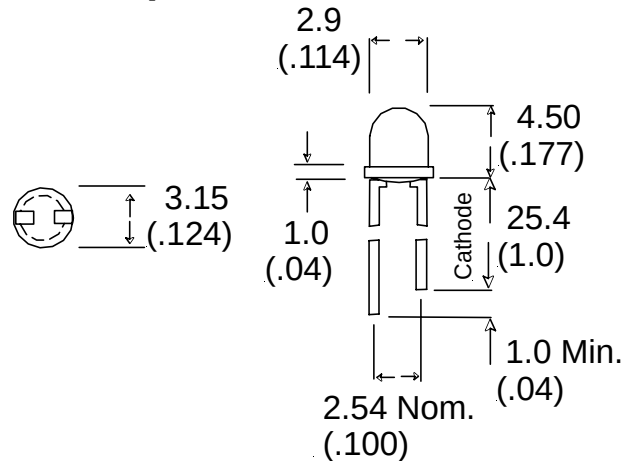


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**MCDPW-3004C (ULTRA WHITE 3MM)**

Lens Color: **Water Clear**
 Lens Dimension: **3 mm**
 Dice Material: **GaInN**
 Light Color: **Full Spectrum White**
 General Color Index **Ra=85**

**Absolute Maximum Ratings At Ta = 25° C**

Parameter	Max	Unit
DC Forward Current (mA)	20	mA
Reverse Voltage	5	V
Power Dissipation (mW)	100	mW
Peak Forward Current, $t_w = 1$ msec. Duty, $= 1/20$	180	mA
Operation Temperature (°C)	-40° - +80°	
Storage Temperature (°C)	-40° +80°	
Solder DIP (5 seconds, 1.6 mm from body) Temperature	260	± 5°C

Electrical Characteristics At Ta = 25°C

Symbol	Parameter	Test Cond.	Min.	Typ.	Max.	Unit
V_F	Forward Voltage	$I_F = 20\text{mA}$	**	3.8	4.0	V
I_R	Reverse Current	$V_R = 5\text{V}$	**	**	100	μA
λ_{PEAK}	Peak Wavelength	$I_F = 20\text{mA}$	**	**	**	nm
	Chromaticity	X	**	0.29	**	
		Y	**	0.30	**	

Part Number:	Viewing Angle 2θ	I _V (I _F = 20mA) MCD	
		Min	Typ.
MCDPW3004C	30	2,000	3,000

Notes:

- All dimensions are in millimeters (inches).
- Tolerance is ≤ 0.25 mm (0.10) unless otherwise specified.
- Protruded resin under flange is 1.5mm (0.59) max.
- Lead spacing is measured where the leads emerge from the package.
- Information in this technical data sheet are believed to be correct and reliable. However, no responsibility is assumed for possible inaccuracies or omission.